

Silane, diphenyl(cis-hex-3-en-1-yloxy)undecyloxy-

Inchi: InChI=1S/C29H44O2Si/c1-3-5-7-9-10-11-12-13-21-27-31-32(28-22-16-14-17-23-28,29-2)
InchiKey: FOBSZPMETRASOB-VURMDHGXSA-N
Formula: C29H44O2Si
SMILES: CCC=CCCO[Si](OCCCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 452.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.79		Crippen Method
logp	7.163		Crippen Method
rinpol	2887.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367996&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/44-312-6/Silane-diphenyl-cis-hex-3-en-1-yloxy-undecyloxy.pdf>

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